We claim:

1.   A method for custom fitting an article to a human being or animal comprising,

selecting on the basis of body information about said human being or animal a subset of entries

from a database populated with entries, wherein said entries comprise data from which said

article is designed.

2.   The method of claim 1, wherein each of said database entries comprises body dimensions

measured for another individual human being or animal.

3.   The method of claim 2, wherein said body dimensions are measured using a laser body

scanner.

4.   The method of claim 1, wherein each of said database entries comprises body information

about another human being or animal.

5.   The method of claim 4, wherein said body information is selected from the group

consisting of seat shape, overall body shape, measured waist circumference, and body weight.

6.   The method of claim 1, wherein each of said database entries comprises body dimensions

measured for another individual human being or animal and body information about said other

individual human being or animal.

7.   The method of claim 6, wherein said body dimensions are measured using a laser body

scanner.

8.   The method of claim 6, wherein said body information is selected from the group

consisting of seat shape, overall body shape, measured waist circumference, and body weight.

9.   The method of claim 6, wherein said body dimensions are measured using a laser body scanner and said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

10.   The method of claim 2, wherein said body dimensions are measured by derivation from point clouds of optical full-body scans.

11.   The method of claim 1, wherein said entries in said database comprise a representative sample of the adult population of the United States of America.

12.   The method of claim 1, wherein each of said entries in said database comprise canonical datapoints.

13.   The method of claim 12, wherein said canonical datapoints are derived by an expert.

14.   The method of claim 12, wherein said canonical datapoints are an average of body dimensions measured for a set of other human beings or animals.

15.   The method of claim 14, wherein said set of other human beings or animals comprises human beings or animals with body dimensions falling within a predetermined numerical range.

16.   The method of claim 1, wherein said database entries comprise article dimensions for another human being or animal.

17.   The method of claim 6, wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal.

18.   The method of claim 6, wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal.

19. The method of claim 18, wherein said neighborhood is defined by a range of numerical values.

20. The method of claim 1, wherein said database entries have been pre-selected from a larger set.

21. The method of claim 1, wherein said database entries have been mathematically transformed.

22. The method of claim 17 or claim 18, wherein said subset comprises more than one database entry, and wherein said subset is mathematically averaged.

23. The method of claim 17 or claim 18, wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

24. The method of claim 17 or claim 18, wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.

25. The method of claim 17 or claim 18, wherein said subset comprises a single database entry.

26. A method for custom fitting an article to a human being or animal comprising,

obtaining body information about said human being or animal,

populating a database with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

selecting a subset of entries from said database on the basis of said body information about said human being or animal, and

designing said article on the basis of said subset of entries.

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27. The method of claim 26, wherein each of said database entries comprises body dimensions measured for another individual human being or animal.

28. The method of claim 26, wherein said body dimensions are measured using a laser body scanner.

29. The method of claim 26, wherein each of said database entries comprises body information about another human being or animal.

30. The method of claim 26, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

31. The method of claim 26, wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal.

32. The method of claim 31, wherein said body dimensions are measured using a laser body scanner.

33. The method of claim 31, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

34. The method of claim 31, wherein said body dimensions are measured using a laser body scanner and said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

35. The method of claim 28, wherein said body dimensions are measured by derivation from point clouds of optical full-body scans.

36. The method of claim 26, wherein said entries in said database comprise a representative sample of the adult population of the United States of America.

37.   The method of claim 26, wherein each of said entries in said database comprise canonical datapoints.

38.   The method of claim 37, wherein said canonical datapoints are derived by an expert.

39.   The method of claim 37, wherein said canonical datapoints are an average of body dimensions measured for a set of other human beings or animals.

40.   The method of claim 39, wherein said set of other human beings or animals comprises human beings or animals with body dimensions falling within a predetermined numerical range.

41.   The method of claim 26, wherein said database entries comprise article dimensions for another human being or animal.

42.   The method of claim 31, wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal.

43.   The method of claim 31, wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal.

44.   The method of claim 43, wherein said neighborhood is defined by a range of numerical values.

45.   The method of claim 26, wherein said database entries have been pre-selected from a larger set.

46.   The method of claim 26, wherein said database entries have been mathematically transformed.

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47.   The method of claim 42 or claim 43, wherein said subset comprises more than one database entry, and wherein said subset is mathematically averaged.

48.   The method of claim 42 or claim 43, wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

49.   The method of claim 42 or claim 43, wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.

50.   The method of claim 42 or claim 43, wherein said subset comprises a single database entry.

51.   A system for custom fitting an article to a human being or animal comprising,

a means for obtaining body information about said human being or animal,

a means for populating a database with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information,

a means for selecting a subset of entries from said database on the basis of said body information about said human being or animal, and

a means for designing said article on the basis of said subset of entries.

52.   The system of claim 51, wherein each of said database entries comprises body dimensions measured for another individual human being or animal.

53.   The system of claim 52, wherein said body dimensions are measured using a laser body scanner.

54.   The system of claim 51, wherein each of said database entries comprises body information about another human being or animal.

55. The system of claim 54, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

56. The system of claim 51, wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal.

57. The system of claim 56, wherein said body dimensions are measured using a laser body scanner.

58. The system of claim 56, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

59. The system of claim 56, wherein said body dimensions are measured using a laser body scanner and said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

60. The system of claim 52, wherein said body dimensions are measured by derivation from point clouds of optical full-body scans.

61. The system of claim 51, wherein said entries in said database comprise a representative sample of the adult population of the United States of America.

62. The system of claim 51, wherein each of said entries in said database comprise canonical datapoints.

63. The system of claim 62, wherein said canonical datapoints are derived by an expert.

64. The system of claim 62, wherein said canonical datapoints are an average of body dimensions measured for a set of other human beings or animals.

65. The system of claim 64, wherein said set of other human beings or animals comprises human beings or animals with body dimensions falling within a predetermined numerical range.

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66.   The system of claim 51, wherein said database entries comprise article dimensions for another human being or animal.

67.   The system of claim 56, wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal.

68.   The system of claim 56, wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal.

69.   The system of claim 68, wherein said neighborhood is defined by a range of numerical values.

70.   The system of claim 51, wherein said database entries have been pre-selected from a larger set.

71.   The system of claim 51, wherein said database entries have been mathematically transformed.

72.   The system of claim 67 or claim 68, wherein said subset comprises more than one database entry, and wherein said subset is mathematically averaged.

73.   The system of claim 67 or claim 68, wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

74.   The system of claim 67 or claim 68, wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.

75. The system of claim 67 or claim 68, wherein said subset comprises a single database entry.

76. A custom fitted article for a human being or animal,

wherein said article is designed on the basis of a subset of entries from a database,

wherein said database is populated with entries comprising data about other individual human beings or animals selected from the group consisting of body dimensions and body information, and wherein said subset is selected on the basis of body information about said human being or animal.

77. The custom fitted article of claim 76, wherein each of said database entries comprises body dimensions measured for another individual human being or animal.

78. The custom fitted article of claim 77, wherein said body dimensions are measured using a laser body scanner.

79. The custom fitted article of claim 76, wherein each of said database entries comprises body information about another human being or animal.

80. The custom fitted article of claim 79, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

81. The custom fitted article of claim 76, wherein each of said database entries comprises body dimensions measured for another individual human being or animal and body information about said other individual human being or animal.

82. The custom fitted article of claim 81, wherein said body dimensions are measured using a laser body scanner.

83.   The custom fitted article of claim 81, wherein said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

84.   The custom fitted article of claim 81, wherein said body dimensions are measured using a laser body scanner and said body information is selected from the group consisting of seat shape, overall body shape, measured waist circumference, and body weight.

85.   The custom fitted article of claim 77, wherein said body dimensions are measured by derivation from point clouds of optical full-body scans.

86.   The custom fitted article of claim 76, wherein said entries in said database comprise a representative sample of the adult population of the United States of America.

87.   The custom fitted article of claim 76, wherein each of said entries in said database comprise canonical datapoints.

88.   The custom fitted article of claim 87, wherein said canonical datapoints are derived by an expert.

89.   The custom fitted article of claim 87, wherein said canonical datapoints are an average of body dimensions measured for a set of other human beings or animals.

90.   The custom fitted article of claim 89, wherein said set of other human beings or animals comprises human beings or animals with body dimensions falling within a predetermined numerical range.

91.   The custom fitted article of claim 76, wherein said database entries comprise article dimensions for another human being or animal.

92. The custom fitted article of claim 81, wherein said subset comprises body information about said other individual human beings or animals identical to body information about said human being or animal.

93. The custom fitted article of claim 81, wherein said subset comprises body information about said other individual human beings or animals, wherein said body information about said other individual human beings or animals is within a predetermined neighborhood of body information about said human being or animal.

94. The custom fitted article of claim 93, wherein said neighborhood is defined by a range of numerical values.

95. The custom fitted article of claim 76, wherein said database entries have been pre-selected from a larger set.

96. The custom fitted article of claim 76, wherein said database entries have been mathematically transformed.

97. The custom fitted article of claim 92 or claim 93, wherein said subset comprises more than one database entry, and wherein said subset is mathematically averaged.

98. The custom fitted article of claim 92 or claim 93, wherein said subset comprises more than one database entry, and a single entry is selected from said subset by iteratively narrowing said neighborhood.

99. The custom fitted article of claim 92 or claim 93, wherein said subset is empty, and wherein a second subset is selected by iteratively expanding said neighborhood.

100. The custom fitted article of claim 92 or claim 93, wherein said subset comprises a single database entry.

101. The custom fitted article of claim 76, wherein said article is selected from the group consisting of a pair of pants, a pair of jeans, a sweater, a skirt, a dress, a shirt, a blouse, a vest, a jacket, a coat, a pair of knickers, a pair of leggings, a jersey, a pair of shorts, a leotard, a pair of underwear, a hat, a cap, a swimming suit and a bathing suit.

102. The method of claim 6, wherein said body dimensions are measured using a radar scanner.

103. The method of claim 31, wherein said body dimensions are measured using a radar scanner.

104. The system of claim 56, wherein said body dimensions are measured using a radar scanner.

105. The custom fitted article of claim 81, wherein said body dimensions are measured using a radar scanner.